

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.

1826

In Re Application Of: MEROTH

Serial No.	Filing Date	Examiner	Group Art Unit
10/031,631	11/07/2001		

Title: METHOD FOR COMPRESSING DATA AND UNCOMPRESSING DATA...

RECEIVED
JUL 9 2003
TECHNOLOGY CENTER 2800

Address to:

Assistant Commissioner for Patents
Washington, D.C. 20231

37 CFR 1.97(b)

- The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first Office Action on the merits, whichever event occurs last.

37 CFR 1.97(c)

- The Information Disclosure Statement submitted herewith is being filed after three months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office Action on the merits, whichever occurred last but before the mailing date of either:
 1. a Final Action under 37 CFR 1.113, or
 2. a Notice of Allowance under 37 CFR 1.311,whichever occurs first.

Also submitted herewith is:

a certification as specified in 37 CFR 1.97(e);

OR

the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under 37 CFR 1.97(c).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.

1826

In Re Application Of: MEROTH

Serial No.	Filing Date	Examiner	Group Art Unit
10/031,631	11/07/2001		

Title: METHOD FOR COMPRESSING DATA AND UNCOMPRESSING DATA...

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

A check in the amount of _____ is attached.

The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 19-4675 as described below. A duplicate copy of this sheet is enclosed.

Charge the amount of _____

Credit any overpayment.

Charge any additional fee required.

Certificate of Transmission by Facsimile*

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No.

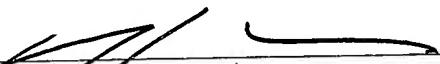
) on _____
(Date)

Signature

Typed or Printed Name of Person Signing Certificate

Certificate of Mailing by First Class Mail

I certify that this document and fee is being deposited on AUG. 27, 2002 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.


Signature of Person Mailing Correspondence

MICHAEL J. STRIKER

Typed or Printed Name of Person Mailing Correspondence

*This certificate may only be used if paying by deposit account.


Signature

Dated: AUGUST 27, 2002

RECEIVED
JUN - 9 2003
TECHNOLOGY CENTER 2800

CC:

RECEIVED

JUN -9 2003

UNITED STATES PATENT AND TRADEMARK OFFICE ENTER 2800

In re:

Applicant: MEROOTH

Serial No.: 10/031,631

Filed: November 7, 2001

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Sir:

In accordance with the duty of the disclosure, it is respectfully
submitted that in the corresponding German application the following art was
cited:

DE 37 42 098

WO 86/01660

The patent document DE 3742098 discloses a method and a
device for compressing and reconstruction of data of a data sequence
indicated and reproducible on an indicating medium, for example a magnetic
band. Similar, successive data are compressed, while uncompressed data

are received in the data sequence unchanged, and an information is written through a reproducible data together with the number of the reproductions in the data sequence. A specific storage region for compressed data and for a status whether the corresponding data are compressed or uncompressed is not provided. Moreover, the reference discloses the compression of only frequently occurring data, while they are placed not in their data word but instead correspondingly an additional coding to be stored is provided on the magnetic band. The new features of the present invention are not disclosed in this reference and can not be derived from it, since the reference describes a completely different compression process, which substantially corresponds to U.S. patent no. 4,872,009.

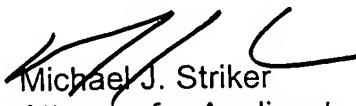
The patent document WO86/01660 discloses, in particular in Figure 17 and in the associated description a storage device for data. In an information data region 212 a first data to be transmitted through the data input is inputted into a buffer storage 210. The buffer storage 210 includes, in addition to the information data region, also a control data region and serves for intermediate storage of data transmitted through the serial data input 11. If with a next data a coincidence with the previously transmitted data is determined, than a counter in the control data region increases by 1. If a further, transmitting data coincide with a data stored in the information

data storage, then the content of the buffer storage is transmitted to the storage 6. Thereby however with the compression and not with the final storage, a storage region is provided, in which a counter is guided through the number of the same elements. There is however no data element, in which it is stored whether the several, stored data elements are stored compressed or uncompressed as in the applicant's invention. Then, only for a corresponding data during the compression is counted, which often is repeated. The inventive first data element informs directly through a number of data elements stored in the second storage region. It is therefore believed that this reference does not teach the new features of the present invention.

The list of the references is submitted herewith. Also, copies of the references are submitted herewith.

The fee is submitted, and if it is not enclosed or insufficient, it is respectfully requested to charge to the account of the undersigned 19-4675.

Respectfully submitted,


Michael J. Striker
Attorney for Applicants
Reg. No. 27233

TECHNOLOGY CENTER 2800

JULY - 9 2003

RECEIVED

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.
1826

In Re Application Of: **MEROOTH, A., ET AL**

Serial No.	Filing Date	Examiner	Group Art Unit
10/031,631	11/07/2001		

Title: METHOD FOR COMPRESSING AND UNCOMPRESSING DATA...

Address to:

Assistant Commissioner for Patents
Washington, D.C. 20231

37 CFR 1.97(b)

- The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

- The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

the statement specified in 37 CFR 1.97(e);

OR

the fee set forth in 37 CFR 1.17(p).

RECEIVED
JUN - 9 2003
TECHNOLOGY CENTER 2800

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
1826

In Re Application: MEROTH, A., ET AL

Serial No.	Filing Date	Examiner	Group Art Unit
10/031,631	11/07/2001		

METHOD FOR COMPRESSING AND UNCOMPRESSING DATA...

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

A check in the amount of _____ is attached.

The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No.19-4675 as described below. A duplicate copy of this sheet is enclosed.

Charge the amount of _____

Credit any overpayment.

Charge any additional fee required.

Certificate of Transmission by Facsimile*

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. _____) on _____

(Date)

Signature

Typed or Printed Name of Person Signing Certificate

Certificate of Mailing by First Class Mail

I certify that this document and fee is being deposited on JULY 12, 2002 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

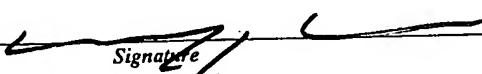


Signature of Person Mailing Correspondence

MICHAEL J. STRIKER

Typed or Printed Name of Person Mailing Certificate

*This certificate may only be used if paying by deposit account.



Dated: JULY 12, 2002

RECEIVED
JUN - 9 2003
TECHNOLOGY CENTER 2800

CC:

RECEIVED

UNITED STATES PATENT AND TRADEMARK OFFICE

JUN - 9 2003

Examiner: Group: Attorney Docket # 1826
TECHNOLOGY CENTER 2800

Applicant(s) : MEROOTH, A., ET AL

Serial No. : 10/031,631

Filed : 11/07/2001

For : METHOD FOR COMPRESSING AND
UNCOMPRESSING DATA...

INFORMATION DISCLOSURE STATEMENT

July 10, 2002

Honorable Commissioner of Patents
and Trademarks
Washington, D.C. 20231

SIRS:

- In accordance with the Duty of Disclosure, Applicant(s) submit(s) herewith a copy of a Foreign Search Report in a counterpart application and copies of the reference(s) indicated therein.
- In the event that the Foreign Search Report is in a foreign language, a translation thereof is herewith submitted.
- Attached hereto is a FORM PTO 1449 listing the references.
- Attached hereto is a copy of a reference cited in the specification of the application as filed. The specification itself recites the relevance of these documents.
- Applicant petitions for consideration of this Information Disclosure Statement since it is being submitted after receipt of an office action. It is respectfully requested that the required fee be charged to the account of the undersigned: 19-4675.

page 2 of 2

Attached hereto are copies of references cited which may be pertinent to this application. Since the references are in the English language, no statement of relevancy is submitted.

Attached hereto is a copy of the Office Action issued in the corresponding German application, together with a translation thereof and copies of the references cited therein. A list of the cited references is also attached.

Attached hereto copies of references cited which may be pertinent to this application. An English translation of the references is also attached.

Attached hereto is a Statement of Relevancy and copies of references cited therein.

The relevancy of reference WO 86/01660 can be found in the English language Abstract attached thereto

Respectfully submitted,



Michael J. Striker
Attorney for Applicant(s)
Reg. No. 27233

RECEIVED
JUN - 9 2003
TECHNOLOGY CENTER 2800

UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner: Group: Attorney Docket # 1826

Applicant(s) : MEROTH, A., ET AL

Serial No. :

Filed : ;

For : METHOD FOR COMPRESSING AND UNCOMPRESSING DATA, AND DEVICE

INFORMATION DISCLOSURE STATEMENT

November 7, 2001

Honorable Commissioner of Patents
and Trademarks
Washington, D.C. 20231

SIRS:

- In accordance with the Duty of Disclosure, Applicant(s) submit(s) herewith a copy of a Foreign Search Report in a counterpart application and copies of the reference(s) indicated therein.
- In the event that the Foreign Search Report is in a foreign language, a translation thereof is herewith submitted.
- Attached hereto is a FORM PTO 1449 listing the references.
- Attached hereto is a copy of a reference cited in the specification of the application as filed. The specification itself recites the relevance of these documents.
- Applicant petitions for consideration of this Information Disclosure Statement since it is being submitted after receipt of an office action and submits herewith the required fee. If this fee is missing or insufficient, then authorization is given to debit the account of the undersigned: 19-4675.

page 2 of 2

- Attached hereto are copies of references cited which may be pertinent to this application. Since the references are in the English language, no statement of relevance is submitted.
- Attached hereto is a copy of the Office Action issued in the corresponding German application, together with a translation thereof and copies of the references cited therein. A list of the cited references is also attached.
- Attached hereto copies of references cited which may be pertinent to this application. An English translation of the references is also attached.
- Attached hereto is a Statement of Relevancy and copies of references cited therein.
- These references were sent to the USPTO by WIPO and are in the file of this application.

Respectfully submitted,


Michael J. Striker
Attorney for Applicant(s)
Reg. No. 27233

RECEIVED

JUN - 9 2003

TECHNOLOGY CENTER 2800

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

(Use several sheets if necessary)

Docket Number (Optional)

1826

Application Number

10/031,631

Applicant(s)
MEROTH, A., ET AL

Filing Date

11/07/2001

Group Art Unit

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	37 42 098	06/23/88	DE			✓	
	86/01660	03/13/86	WO			✓	

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

1826

Application Number

10/031,631

Applicant(s)
MEROOTH, A., ET AL.

Filing Date

11/07/2001

Group Art Unit

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	86/01660	03/13/86	WO			✓	
	0 372 970 A1	06/13/90	EP			✓	

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

"DATA COMPRESSION" TECHNIQUES AND APPLICATIONS HARDWARE AND SOFTWARE
CONSIDERATIONS BY GILBERT HELD, A WILEY HEYDEN PUBLICATION, JOHN WILEY & SONS, PP. 26-33.,
1983.

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.